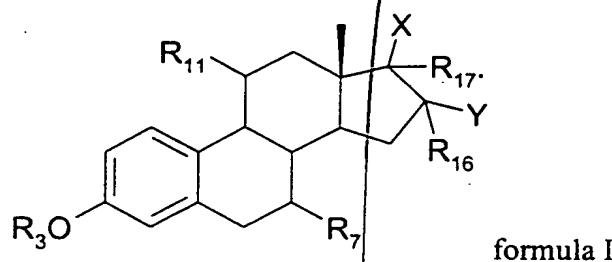


Claims:

*Sulf
All*

1. A steroid compound satisfying the following structural formula:



5

wherein:

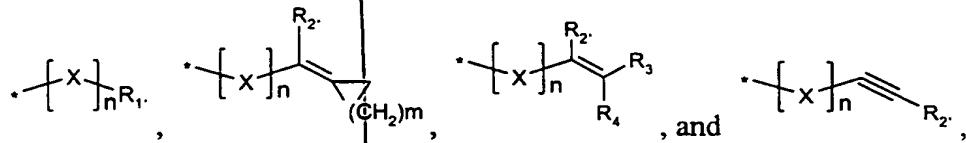
one of X and Y is OH, the other being H;

R₃ is H, COR', with R' being alkyl or aryl;

R₇, R₁₆, and R₁₇, each independently are H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl;

10 R₁₁ is a hydrocarbon group which may be linear or branched, provided that it comprises one single linear chain having a length of from 5 to 9 carbon atoms as the longest chain on carbon atom no. 11 of the steroid skeleton, wherein said chain may be saturated or unsaturated.

15 2. A steroid compound according to claim 1, characterised in that R₁₁ is selected from the following group of side-chain structures:



20 wherein X is CH₂, CH-alkyl, or C(alkyl)₂, R₁ is H, alkyl, C₃-C₇ cycloalkyl, or together with X forms a C₃-C₇ ring system, R₂ is H, alkyl, or C₃-C₇ cycloalkyl, R₃ and R₄ each independently are H, alkyl, or C₃-C₇ cycloalkyl optionally substituted with halogen or CN, n is an integer of from 0-9, m is an integer of from 1-5.

M

CH

3. A steroid compound according to claim 1, characterised in that the longest chain in R₁₁ comprises 5-7 carbon atoms.

4. A steroid compound according to claim 3, characterised in that the longest chain in R₁₁ comprises 5 carbon atoms.

5. A pharmaceutical composition comprising a steroid compound according to any one of the preceding claims, and pharmaceutically acceptable auxiliaries.

10 6. The use of a steroid compound according to any one of claims 1-4 for the manufacture of a medicine in the treatment of estrogen-deficiency dependent disorders.

Add B1

Add D2